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PTO/SB/21 (04-04)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/786,010
	Filing Date	February 26, 2004
	First Named Inventor	Roo, Piete
	Art Unit	2682
	Examiner Name	Yun, Eugene
Total Number of Pages in This Submission	Attorney Docket Number	MP0039.C1

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO Form 1449 with 27 Ref. cited, 18 US Ref.-not attached, 5 Foreign Ref.-attached and 4 Other Ref.-attached; and Return Postcard
Remarks The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name Michael D. Wiggins	Reg. No. 34,754
Signature			
Date	January 5, 2006		

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Donna Senn	Express Mail Label No.	EV 717 344 239 US (1/5/2006)
Signature		Date	January 5, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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EV 717 344 239 US



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/786010
Filing Date: 02/26/2004
Applicant: Roo, Pierte
Group Art Unit: 2682
Examiner: Yun, Eugene
Title: Active Resistance Summer For A Transformer Hybrid
Attorney Docket: MP0039.C1

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In compliance with the duty of disclosure under 37 CFR § 1.56 and the requirements of MPEP § 2001.06(c), and in accordance with the practice under 37 CFR §§ 1.97 and 1.98, the Examiner's attention is directed to the document listed on the enclosed PTO-1449.

In accordance with 37 CFR § 1.97(h), this Information Disclosure Statement is not to be construed as an admission that the information cited is or is considered to be material to patentability as defined in 37 CFR § 1.56(b), nor as an admission that the information constitutes prior art within the meaning of 35 USC §§ 102 and/or 103.

It is respectfully requested that the information listed on the PTO-1449 be considered by the Examiner, and that an initialed copy of the PTO-1449 be returned indicating that such information was considered.

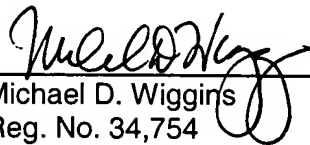
This IDS is being filed before the mailing of a first Office Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below; or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees or certification fees for Information Disclosure Statements.

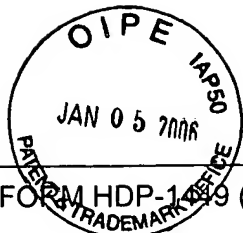
Should the Examiner have any questions, Applicant's undersigned attorney is reachable by telephone at (248) 641-1211. The correspondence address of record is provided below.

Respectfully submitted,

Dated: 1-05-06

By: 
Michael D. Wiggins
Reg. No. 34,754

HARNESS, DICKEY & PIERCE, P.L.C.
P.O. Box 828
Bloomfield Hills, Michigan 48303
(248) 641-1600



FORM HDP-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

Sheet 1 of 2

ATTORNEY DOCKET No.	SERIAL No.
MP0039.C1	10/786,010
APPLICANT	
Roo, Piete	
FILING DATE	GROUP
February 26, 2004	2682

U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.		4,112,253	9/1978	Wilhelm		
2.		4,152,541	5/1979	Yuen		
3.		4,393,370	7/1993	Hareyama		
4.		5,388,092	2/1995	Koyama et al		
5.		5,666,354	9/1997	Cecchi et al		
6.		5,796,725	8/1998	Muraoka		
7.		5,822,426	10/1998	Rasmus et al		
8.		5,825,819	10/1998	Cogburn		
9.		5,864,587	1/1999	Hunt		
10.		6,201,841		Iwamatsu et al		
11.		6,744,931		Komiya et al		
12.		6,468,032 B1	6/2002	Lye et al		
13.		6,576,746 B2		McBride et al		
14.		4,535,206	8/1985	Falconer		
15.		4,878,244	10/1989	Gawargy		
16.		RE 30,111	10/1979	Blood, Jr.		
17.		5,887,059	3/1999	Xie et al		
18.		6,577,114	6/10/2003	Roo, Piete		

Examiner:

Date Considered:

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 2 of 2	ATTORNEY DOCKET NO.	SERIAL No.
	MP0039.C1	10/786,010
	APPLICANT	
	Roo, Piete	
	FILING DATE	GROUP
	February 26, 2004	2682

FOREIGN PATENT DOCUMENTS								
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes No		
1.		WO 99/46867	9/1999	Agazzi et al				
2.		WO 00/28663 A2	5/2000	Hatamian et al				
3.		WO 00/28663 A3	5/2000	Hatamian et al				
4.		WO 00/28691 A2	5/2000	Agazzi et al				
5.		WO 00/28691 A3	5/2000	Agazzi et al				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
1.		Sailesh Rao; Short Course: Local Area Networks, International Solid State Circuits Conference; Sailesh Rao; Outline Implementing Gigabit Ethernet Over Cat-5 Twisted-Pair Cabling; Jack Kenny; Signal Processing and Detection in Gigabit Ethernet; 3 pages
2.		Kamran Azadet and Chris Nicole; Low-Power Equalizer Architectures for High-Speed Modems; October 1998; pages 118-126
3.		Techdictionary.com definition of decoder, Link: http://www.teghdictionary.com ; 1 page
4.		University of Pennsylvania CSE Digital Logic Lab re decoders. Link: http://www.cse.dmu.ac.uk/~sexton/WWW/Pages/cs2.html ; 3 pages

Examiner:	Date Considered:
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